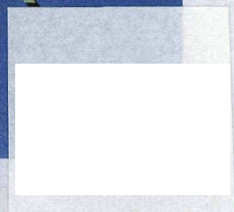


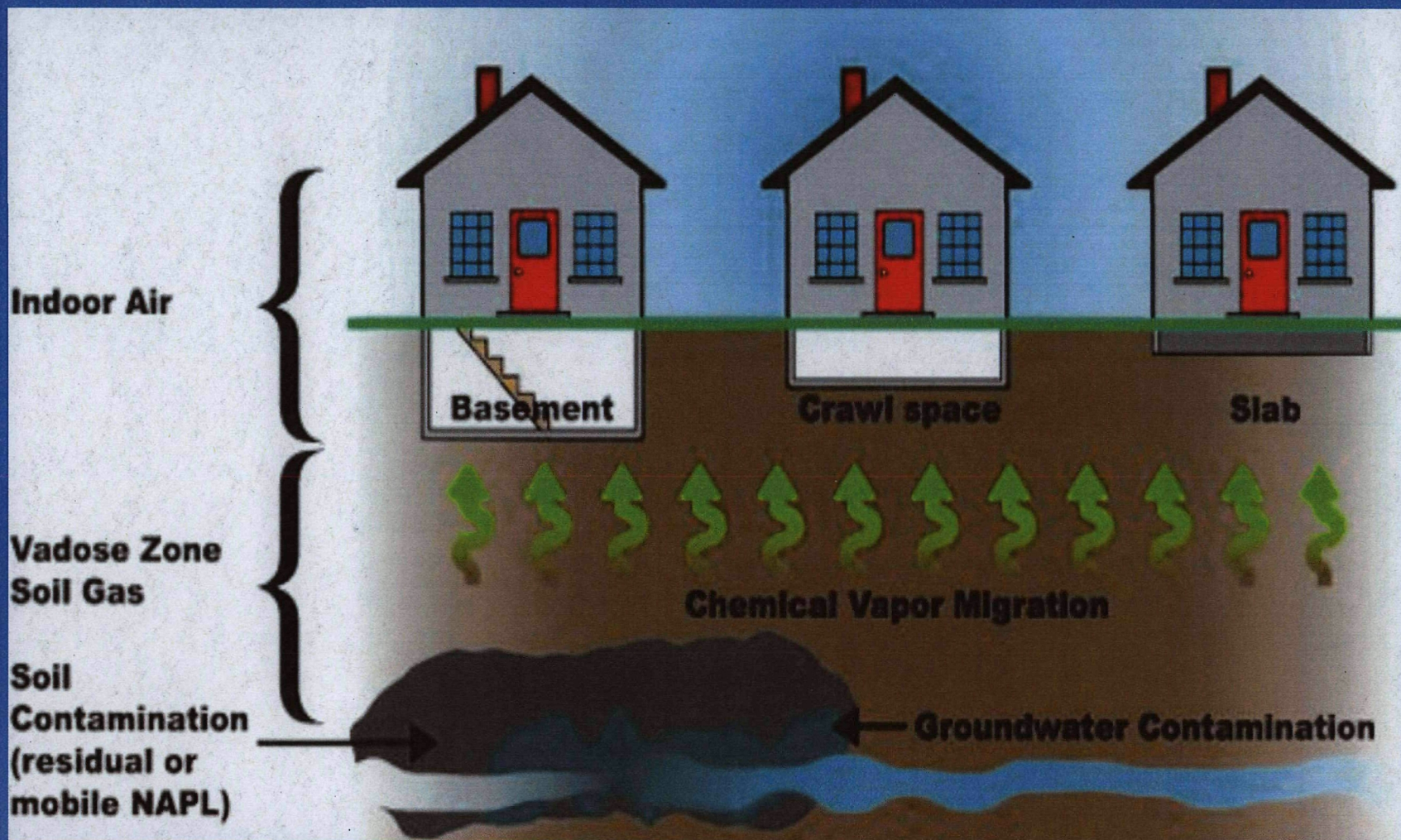
EPA Vapor Intrusion Study

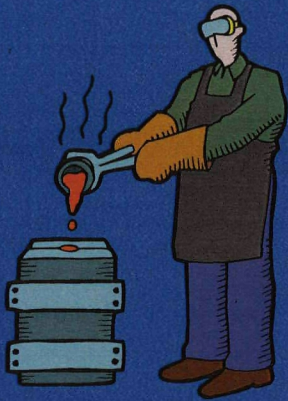


Grand Prairie, TX



Conceptual Model





Site Background

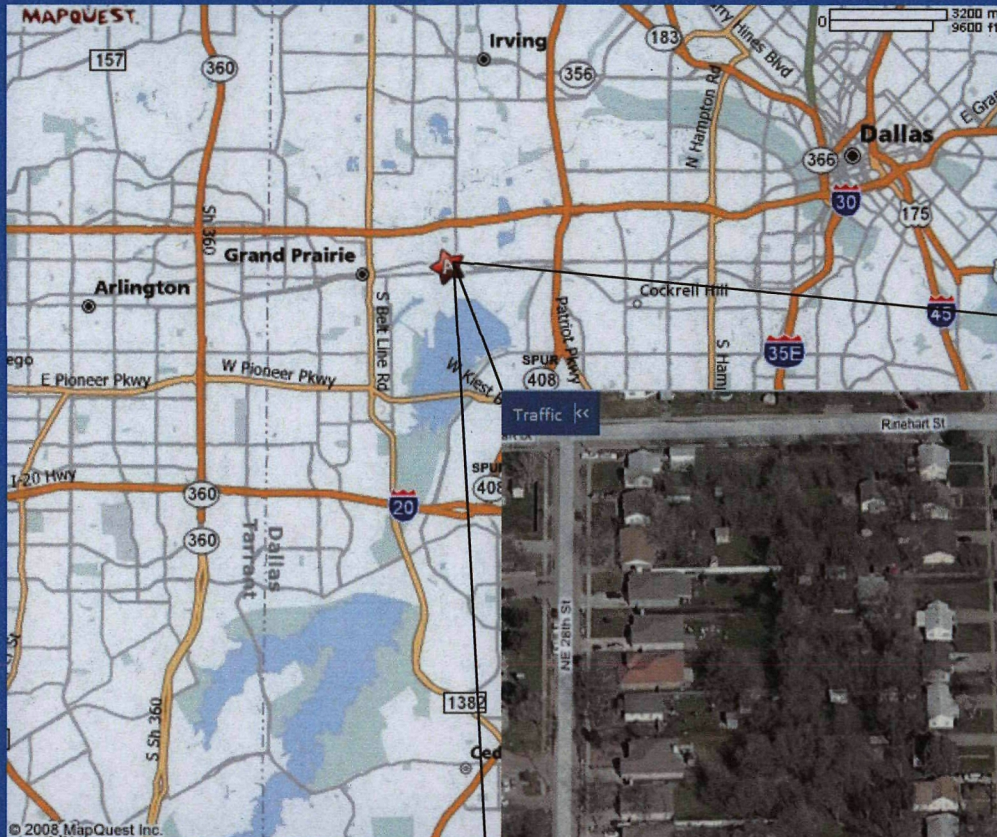
- Groundwater and soil contamination were the result of releases of solvents from 50 years of historical metal forging and fabrication operations.
- TCE is the primary groundwater contaminant and was used to clean parts before delivery.
- Plume currently covers more than 65 acres under approximately 100 homes and businesses.

Groundwater Plume

(b) (9)



Neighborhood Study Area

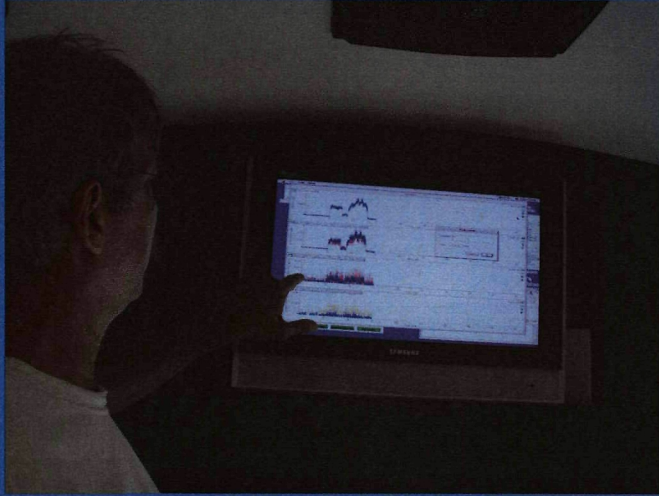


Delfasco

Trace Atmospheric Gas Analyzer (TAGA) Mobile Laboratory



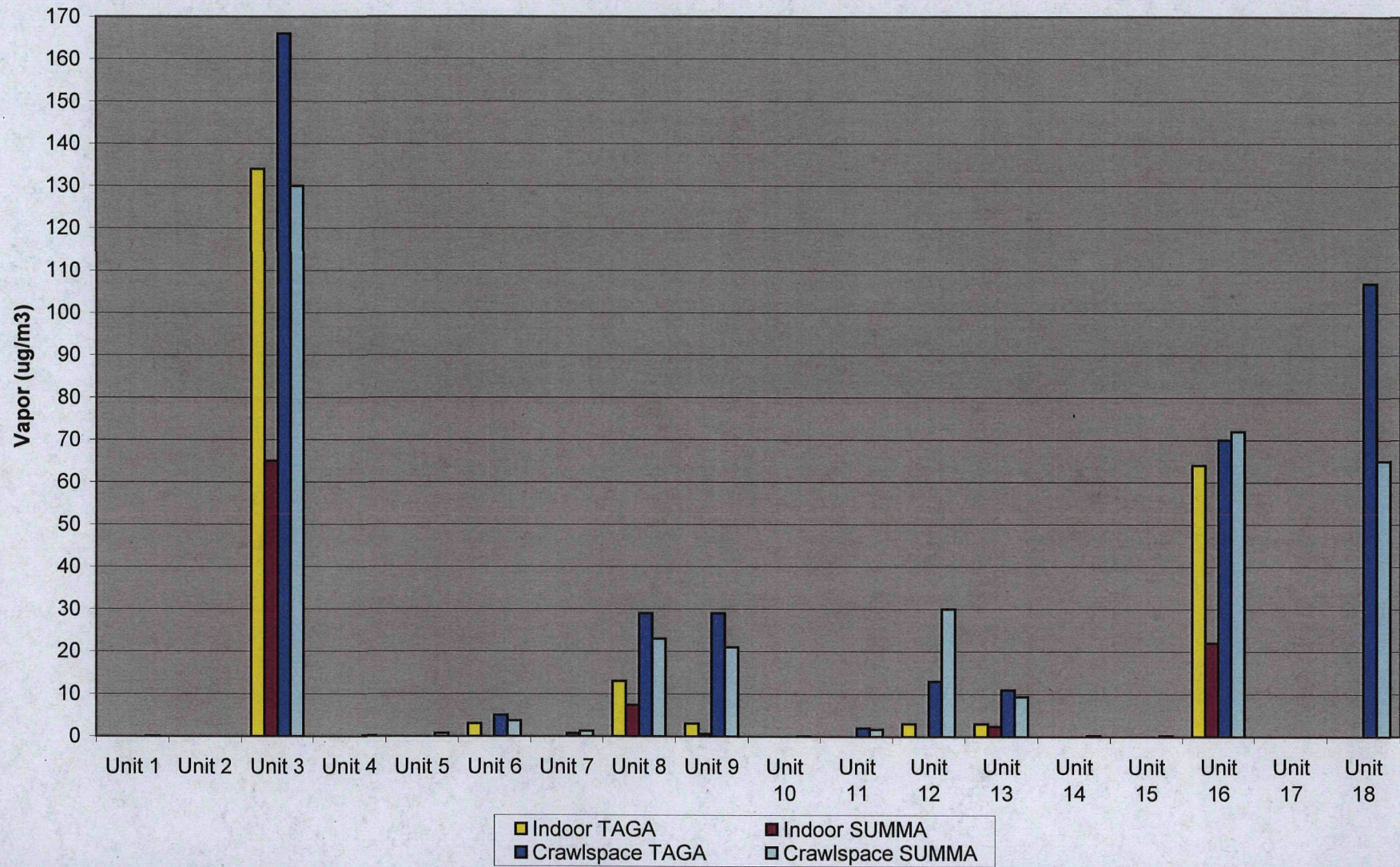
Screen Crawlspace w/ TAGA





Place Summa Canisters Below Home Floor

Delfasco Vapor Intrusion Study - Preliminary TAGA / SUMMA Sampling Results



Study Area – Sampling Results

(b) (6)



Remediation Approach

Crawlspace/Indoor Air

Concentration (ug/m³)

Priority

>10

First

5 – 10

High

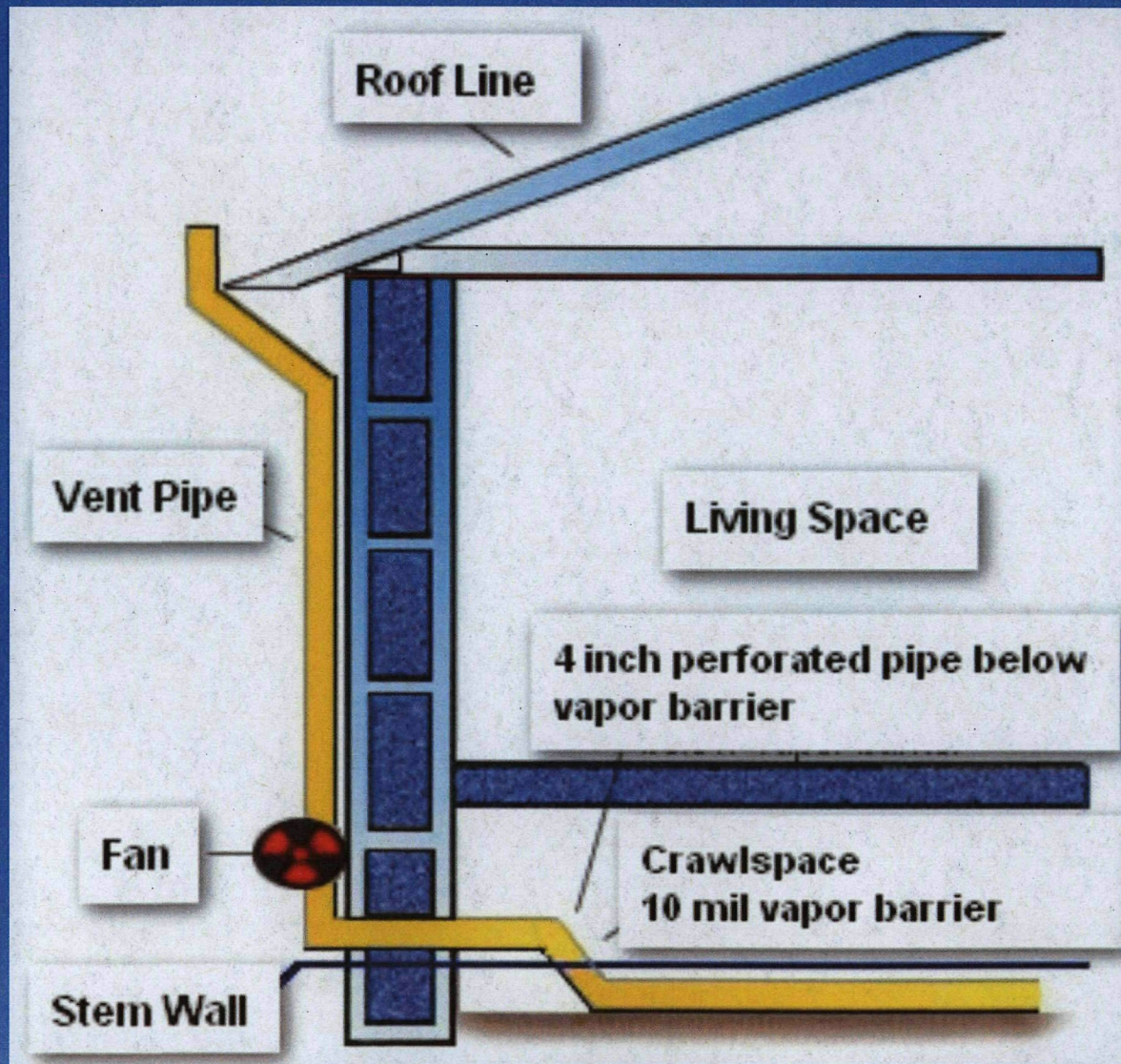
1.2 – 5 ug/m³

Site-specific

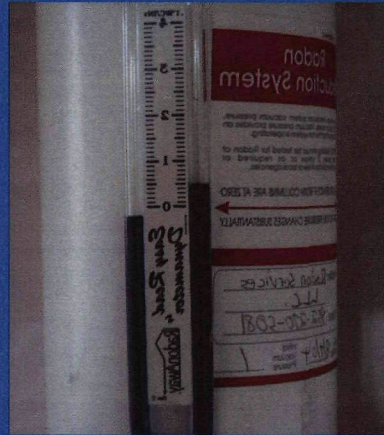
<1.2 ug/m³

Low

Vapor Mitigation



Vapor Mitigation



Next Steps

- RCRA 7003 Administrative Order:
 - Install mitigation systems
 - Sample all homes in the area
 - Maintain the mitigation systems
 - Complete contamination assessment under TRRP
- 15-day negotiation period
- 15-day public comment period (including public meeting)